

Title (en)

METHOD AND APPARATUS FOR RECOVERING PAPER-MAKING FIBER FROM CONTAMINATED WASTE PAPER PRODUCTS

Publication

**EP 0073609 A3 19840718 (EN)**

Application

**EP 82304379 A 19820819**

Priority

GB 8125510 A 19810820

Abstract (en)

[origin: EP0073609A2] In the recovery of paper-making fiber from contaminated waste paper products including plastics film and other lightweight non-paper contaminants, the waste paper products are processed together with liquid in a pulper tub (10) and contaminants and liquid are discharged through a junk-outlet (33) in the tub and into a junk remover (30). In order to induce flow of lightweight contaminants into the junk remover (30), the latter has a weircontrolled discharge opening (40) adjacent its top, the level of the weir being regulated so as to maintain liquid flow over the weir. The liquid and lightweight contaminants entering the junk remover, as a result, flow upwardly to the weir and are discharged over the weir for subsequent processing and recirculation of paper stock to the pulper tub (10). The materials flowing over the weir may be delivered to a rotary screening machine (50) which defibers the waste paper and separates the fibers from the lightweight contaminants. A novel rotary screening machine is provided for this purpose.

IPC 1-7

**D21B 1/02**

IPC 8 full level

**B03B 9/06** (2006.01); **D21B 1/32** (2006.01); **D21B 1/34** (2006.01); **D21D 5/06** (2006.01)

CPC (source: EP US)

**B03B 9/061** (2013.01 - EP US); **D21B 1/322** (2013.01 - EP US); **Y02W 30/62** (2015.05 - EP US); **Y02W 30/64** (2015.05 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0073609 A2 19830309; EP 0073609 A3 19840718**; BR 8204850 A 19830802; CA 1191042 A 19850730; FI 822894 A0 19820819; FI 822894 L 19830221; JP S5876588 A 19830509; US 4538767 A 19850903

DOCDB simple family (application)

**EP 82304379 A 19820819**; BR 8204850 A 19820819; CA 409833 A 19820820; FI 822894 A 19820819; JP 14460182 A 19820820; US 67525484 A 19841127